

Rugged, Long-Term Asset Tracking for High-Value Equipment



Connect external sensors with Bluetooth



Precision GNSS tracking



Heavy-duty IP67-rated case



6-Axis accelerometer



Tamper detection & security

Motion & Collision Detection

An integrated 6-axis accelerometer monitors asset movement and impacts with precision motion sensing and event detection.

BLE Gateway

Connect with Bluetooth sensors and accessories to extend capabilities by monitoring temperature, humidity, and other IoT devices.

Precision GNSS Tracking

Maintain reliable connectivity on cellular networks for global coverage to accurately track assets using multi-constellation GNSS support with $\pm 1.5\text{m}$ accuracy.

Tamper Detection with Light Sensor

Receive alerts when the device is tampered with or exposed to light, reducing theft and enhancing the security of your assets and cargo.

The Suntech ST4932

Built for businesses needing robust, reliable, and efficient asset tracking, the ST4932 is a rugged, battery-powered tracking solution designed for long-term tracking and monitoring of high-value equipment, containers, trailers, and other assets. With its IP67-rated enclosure, long-battery life, and versatile mounting options, the ST4932 delivers reliable performance in harsh environments with minimal access.

Specification

Wireless Communication

Network	LTE Cat. M1/NB2-IoT, 2G fallback
Frequencies	LTE Cat. M1: B1, B2, B3, B4, B5, B8, B12, B13, B18, B19, B20, B25, B26, B27, B28, B66, B85
OTA Support	Yes

GNSS (GPS Tracking)

Reciever Type	Concurrent GNSS (GPS + GLONASS, with QZSS, BeiDou, Galileo)
SBAS Support	WAAS, EGNOS, MASA, GAGAN
A-GPS Support	Optional
Location Accuracy	±1.5m CEP-50%

Battery & Power

Battery	3.6V, 5.9Ah rechargeable
Power Consumption	Active Mode: 40mA - 60mA, Deep Sleep Mode: <15uA (without sensors)

Environmental & Certifications

Dust & Water Resistance	IP67
Operating Temperature	-30°C to +85°C
Certifications	FCC, PTCRB, AT&T (Pending: VZW, TMO)

Physical & Hardware

Dimensions	62.28mm (W) × 113.5mm (L) × 30mm (T)
Certifications	FCC, PTCRB, AT&T (Pending: VZW, TMO)
SIM Card:	Nano SIM (4FF)
Accelerometer	Built-in 6-axis motion sensor
Indicators	3 LED indicators (Network, GPS, Power/Charging)
Tamper Detection	Light sensor-based
Bluetooth	BLE Gateway